

FIG. 1

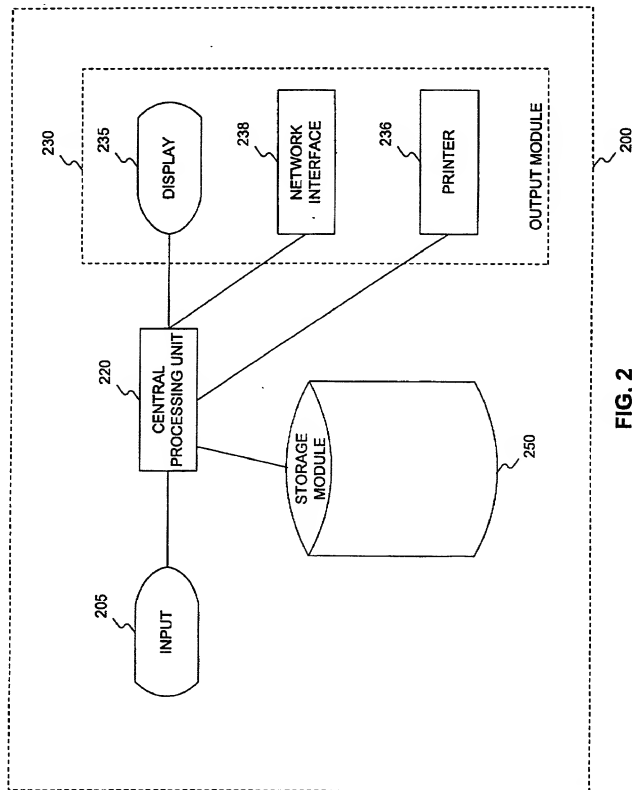


FIG. 2

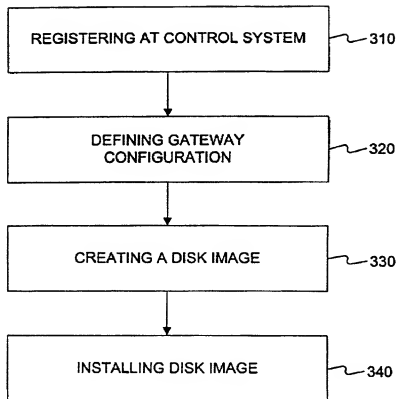


FIG. 3

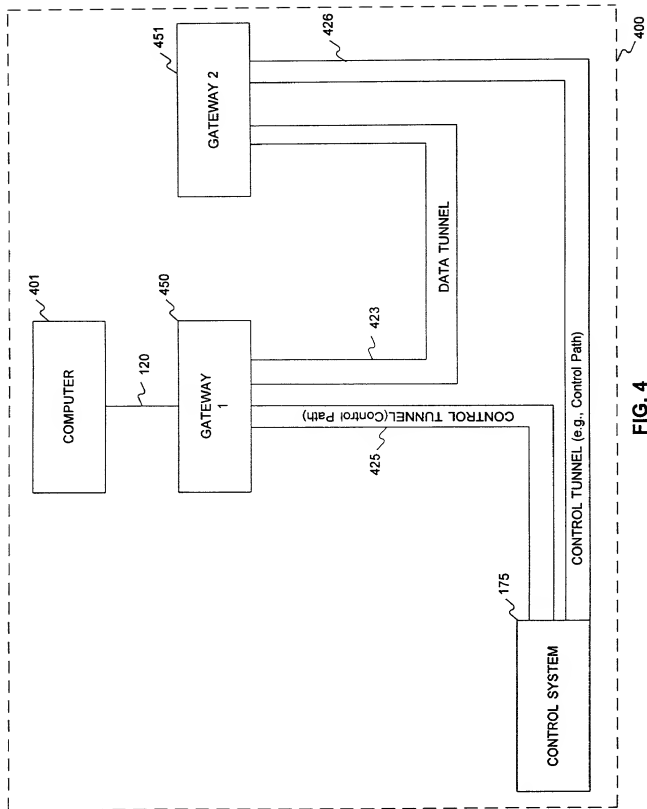


FIG. 4

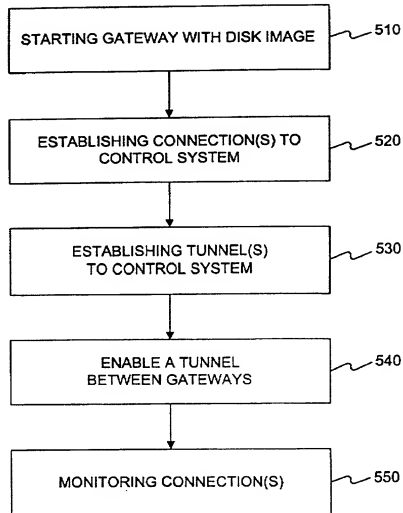


FIG. 5

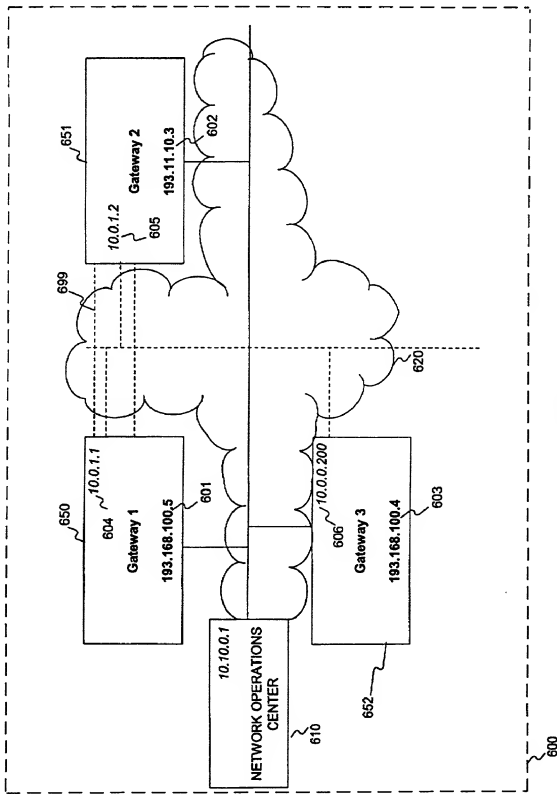


FIG. 6B

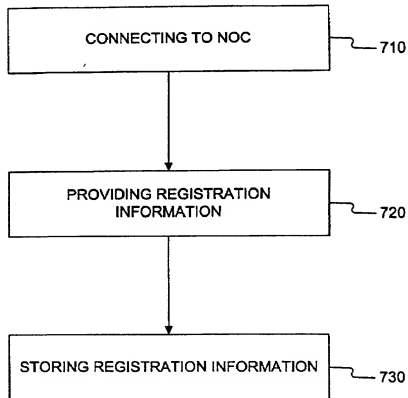


FIG. 7

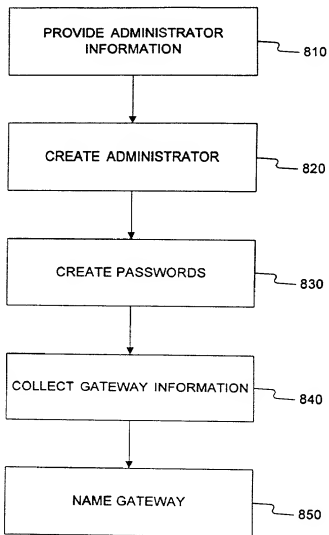


FIG. 8

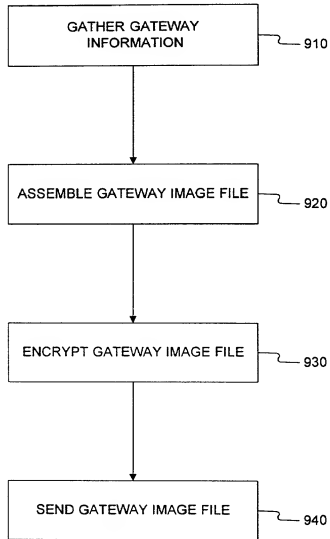


FIG. 9A

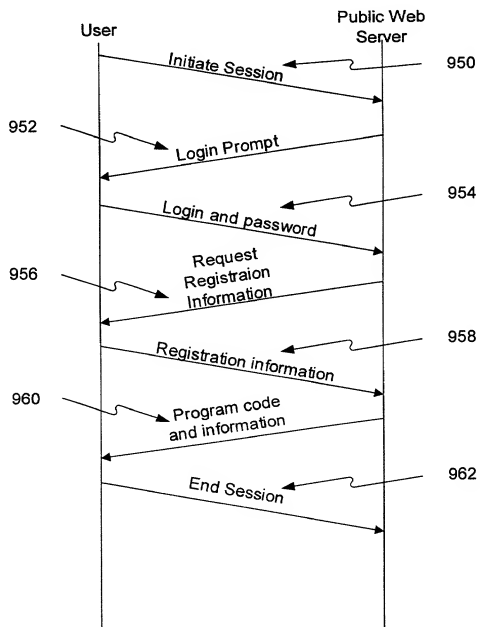


FIG. 9B

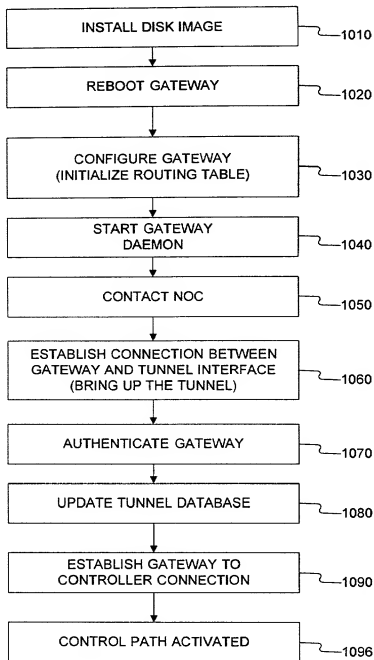


FIG. 10A

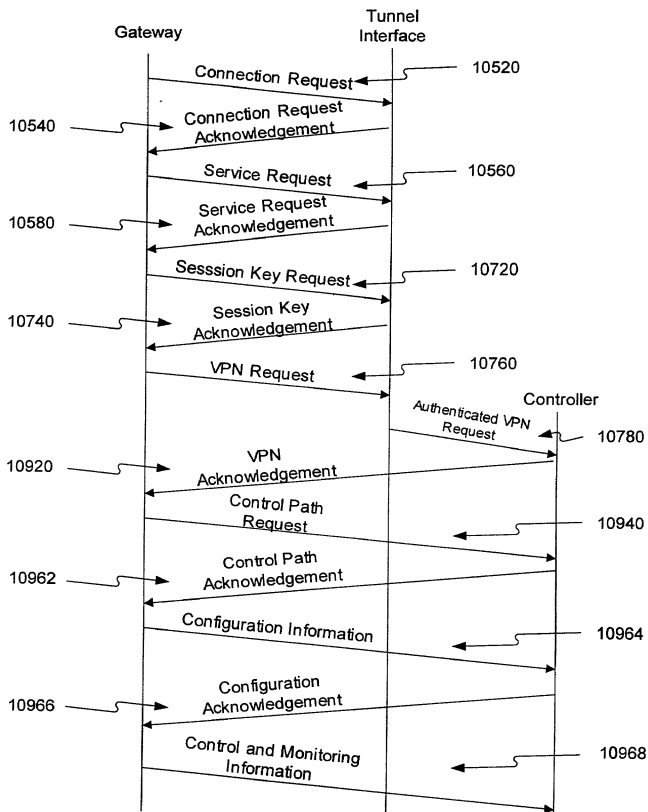


FIG. 10B

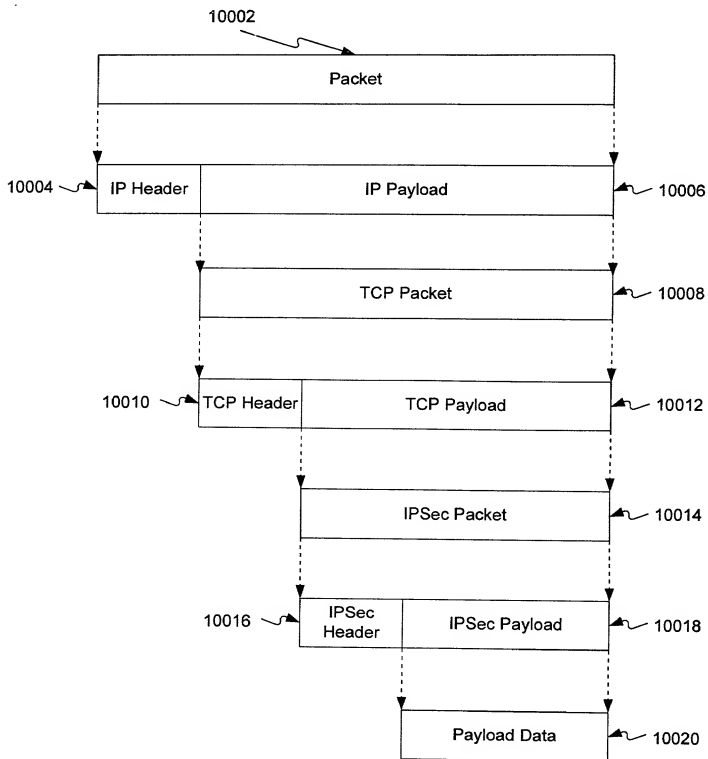


FIG. 10C

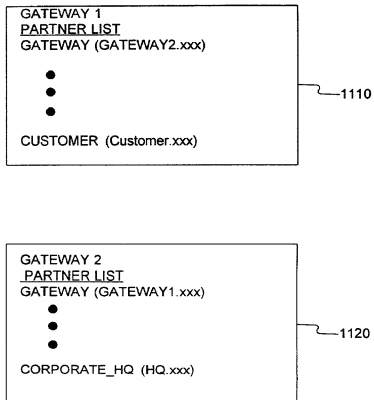
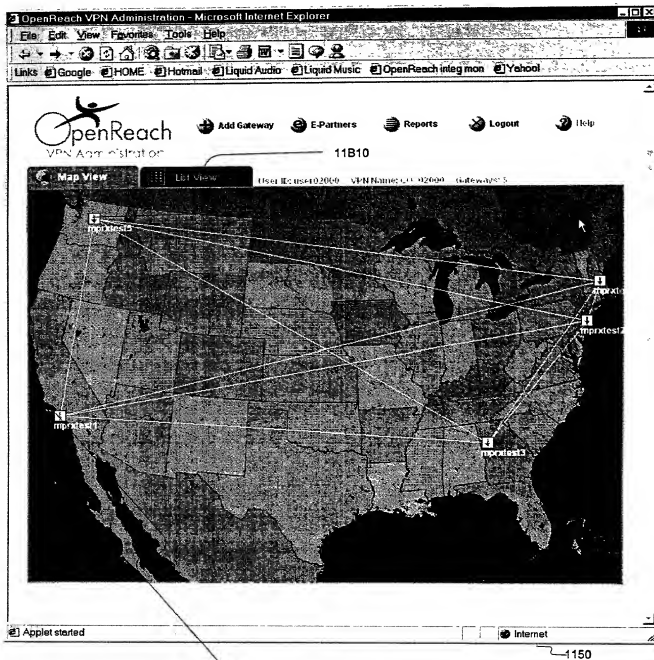


FIG. 11A



11B12

FIG. 11B

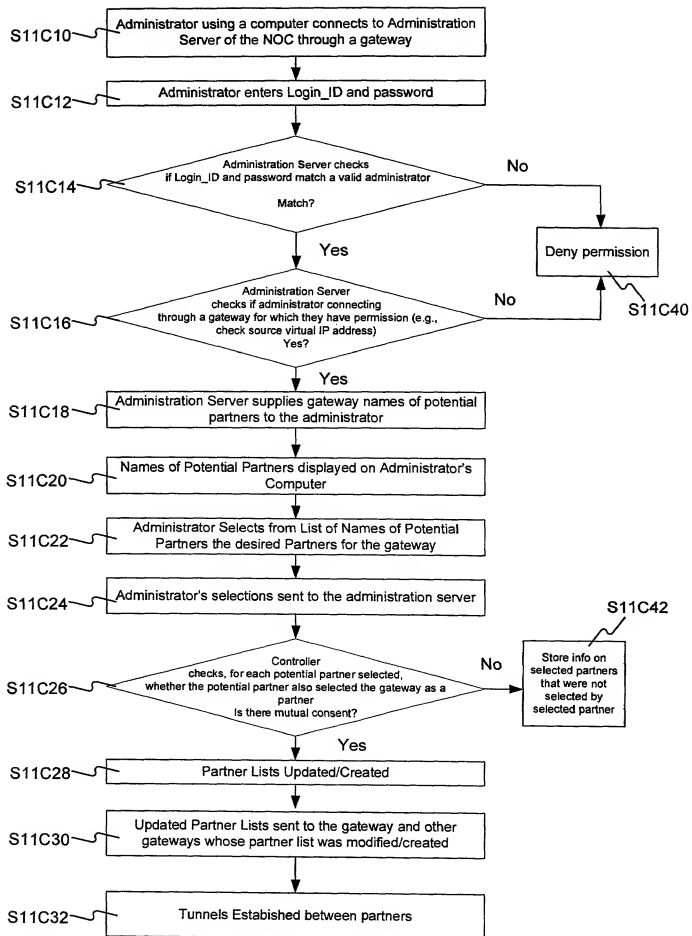


Fig. 11C

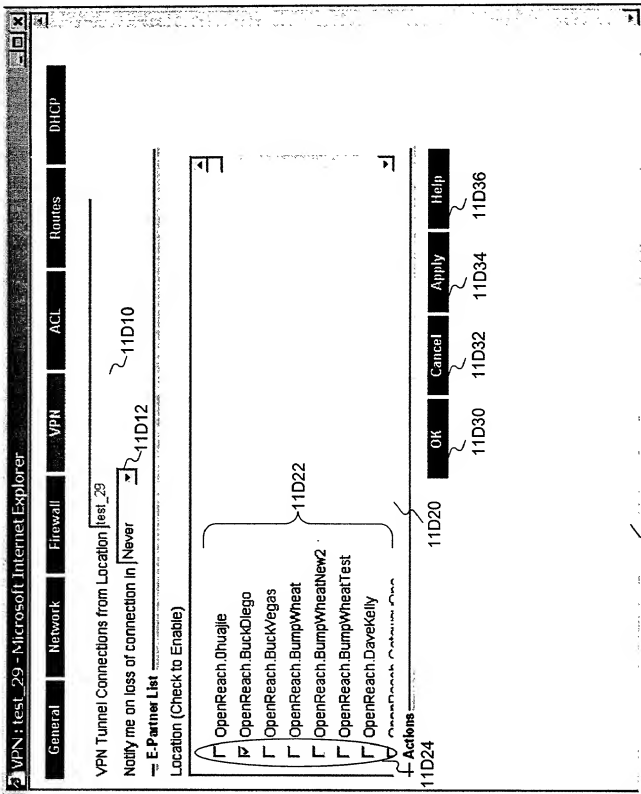


Fig. 11D

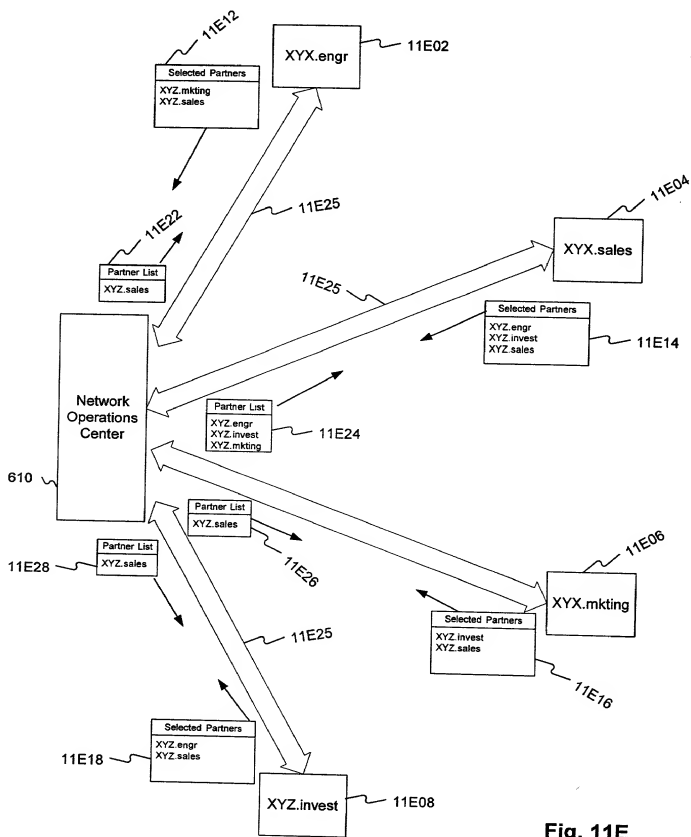


Fig. 11E

Client Manager - Microsoft Internet Explorer

Client Detail

Client Name*: TestClient 11F10

Email*: testc@openreach.com 11F12

Password*: 11F14

Verify password*: 11F16

Gateway Groups

☐ Select All 11F20

☐ DavesGroup 11F24

☐ OpenReach.Ohualje

☐ OpenReach.BuckDiego 11F22

☐ OpenReach.BuckVegas

Actions

OK Cancel

11F30 11F32

11F26

Fig. 11F

11F00

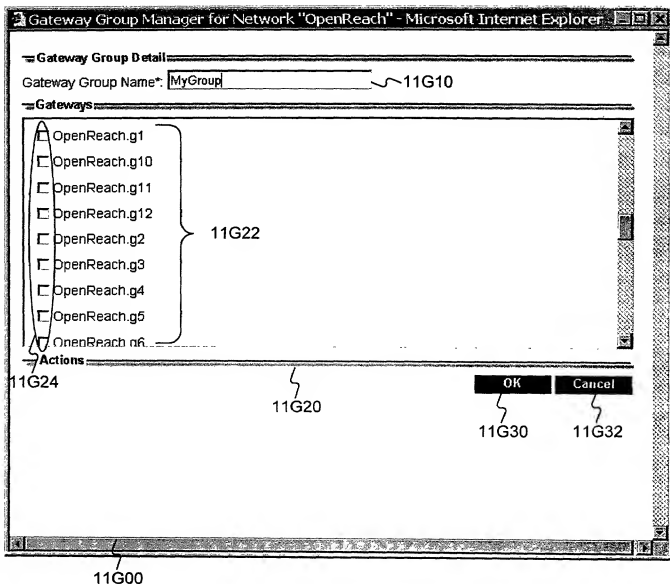


Fig. 11G

1210	<local computer information>	
	computer_name	="org5"
	domain_name	="bugwheat2"
	virtualip_address	="10.0.11.130"
	visibleip_address	="208.185.39.2"
	firewall_in_place	="no"
	network_config	="Inline"
	dns_from_dhcp	="no"
	dns_primary	="10.10.10.2"
	dns_secondary	="10.10.10.3"
	Proxyip	="208.185.40.2"
	</local computer information>	
1212	<local interface information>	
	name	="eth0"
	mac_layer_address	="00:90:27:EE:02:3B"
	local_IP_address	="208.185.39.2"
	gateway	="208.185.39.1"
	subnet_mask	="255.255.255.0"
	dhcp	="none"
	</local interface information>	
1214	<local_LAN_Information><address range>	
	startip_address_range	="208.185.49.1"
	endip_address_range	="208.185.49.255"
	type	="included"
	gateway	=""
	</address range> </local_LAN_Information>	
1216	<cryptographic key>	
	kind	="PublicKey"
	type	="NOC's_Primary_Key"
	format	="RSA"
	encryption	="3DES"
	modulus	="0x ... 01"
	modulus_bits	="1024"
	public_exp	="0x03"
	</cryptographic key>	
1218	<firewall rule>	
	protocol="tcp"	
	direction="in"	
	src_ip_mask="\$any"	
	src_port="1024:65535"	
	dst_ip_mask="\$1"	
	dst_port="21"	
	action="ACCEPT"	
	rule_number="1"	
	</firewall rule>	

Fig. 12

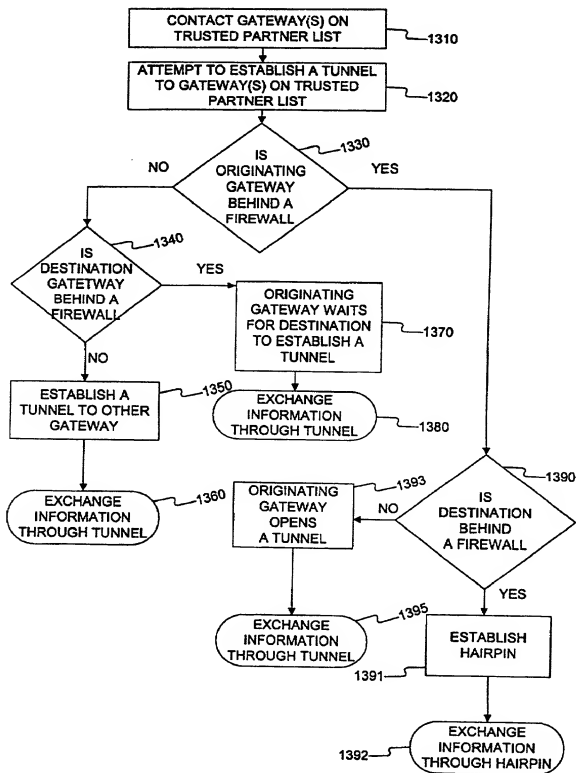


FIG. 13

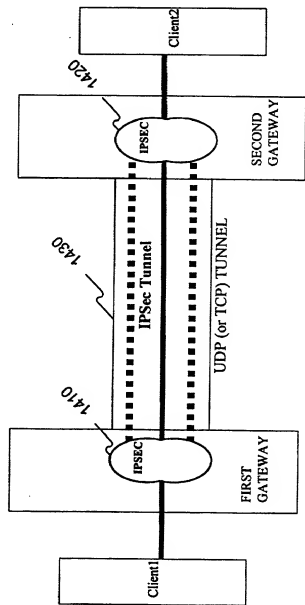


FIG. 14

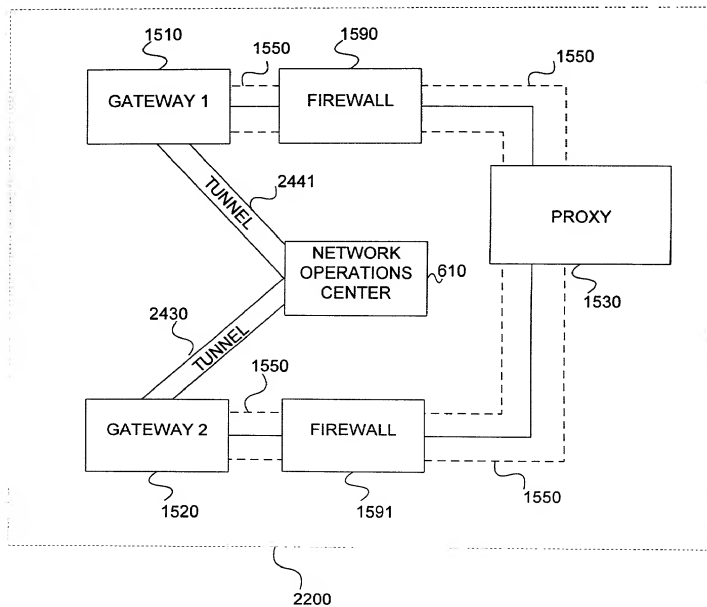


FIG. 15B

2200

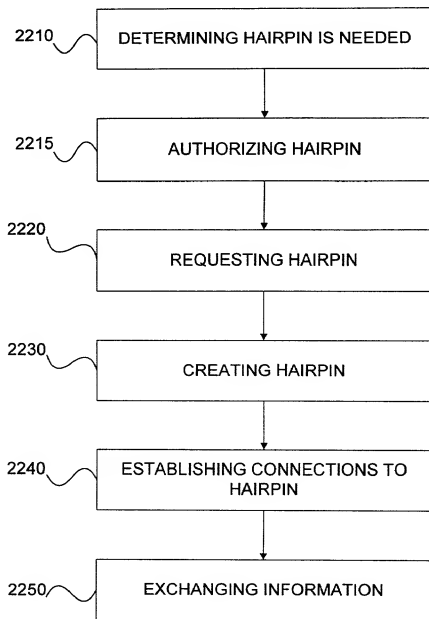


FIG. 15C

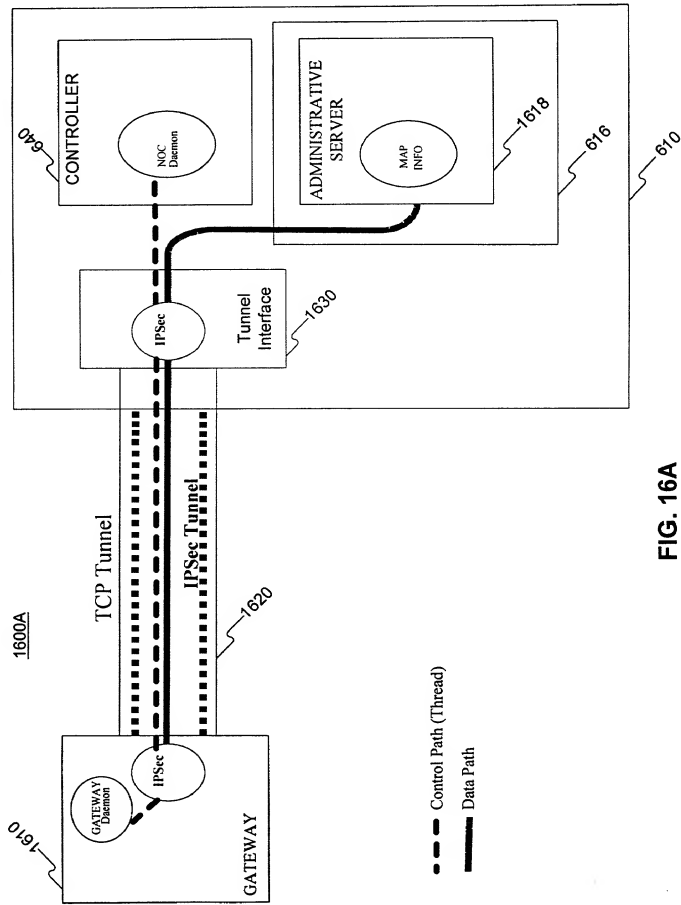


FIG. 16A

1600B

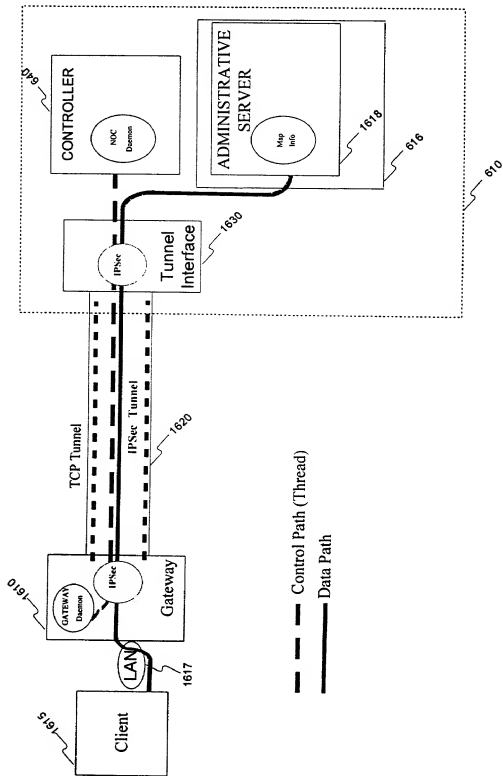


FIG. 16B

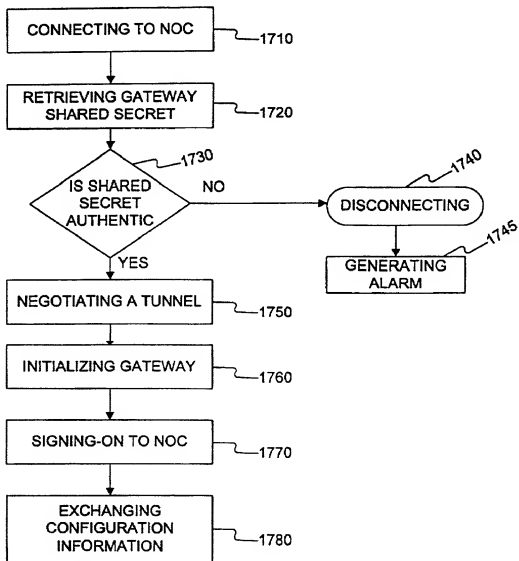


FIG. 17

1800

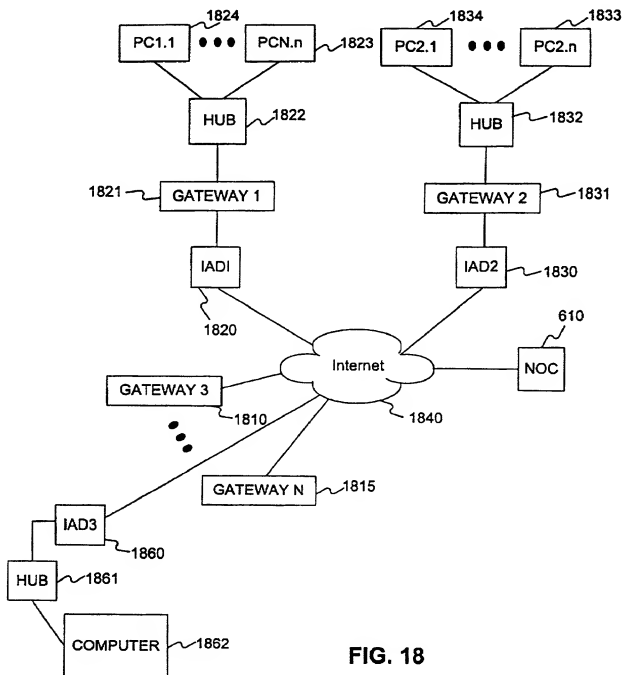


FIG. 18

```
graph TD; 1910[RECEIVING MONITOR AND CONTROL INFORMATION FROM ONE OR MORE GATEWAYS] --> 1920{DETECTING AN ADDRESS CHANGE AT A FIRST GATEWAY}; 1920 -- NO --> 1910; 1920 -- YES --> 1930[THE FIRST GATEWAY RE-ESTABLISHES A TUNNEL WITH THE NETWORK OPERATIONS CENTER]; 1930 --> 1940[STORING THE NEW ADDRESS]; 1940 --> 1950[NOTIFYING ALL THE GATEWAYS THAT ARE ON THE FIRST GATEWAY'S PARTNER LIST OF THE NEW ADDRESS TO ENABLE TUNNEL REESTABLISHMENT TO EACH GATEWAY];
```

1910 — RECEIVING MONITOR AND CONTROL INFORMATION FROM ONE OR MORE GATEWAYS

1920 — DETECTING AN ADDRESS CHANGE AT A FIRST GATEWAY

NO

YES

1930 — THE FIRST GATEWAY RE-ESTABLISHES A TUNNEL WITH THE NETWORK OPERATIONS CENTER

1940 — STORING THE NEW ADDRESS

1950 — NOTIFYING ALL THE GATEWAYS THAT ARE ON THE FIRST GATEWAY'S PARTNER LIST OF THE NEW ADDRESS TO ENABLE TUNNEL REESTABLISHMENT TO EACH GATEWAY

FIG. 19

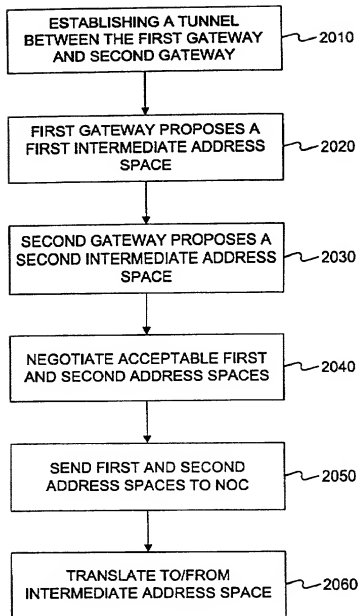


FIG. 20

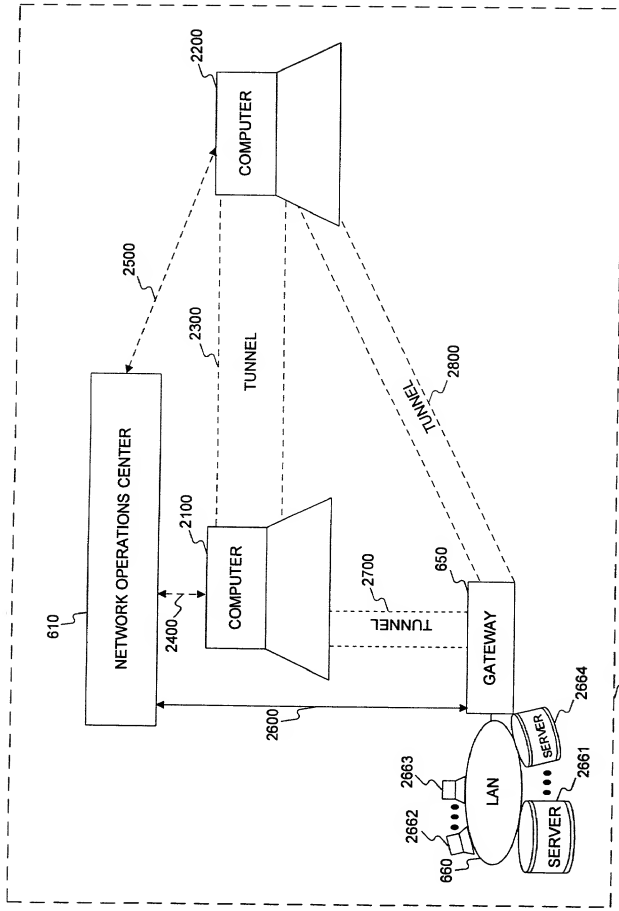


FIG. 21

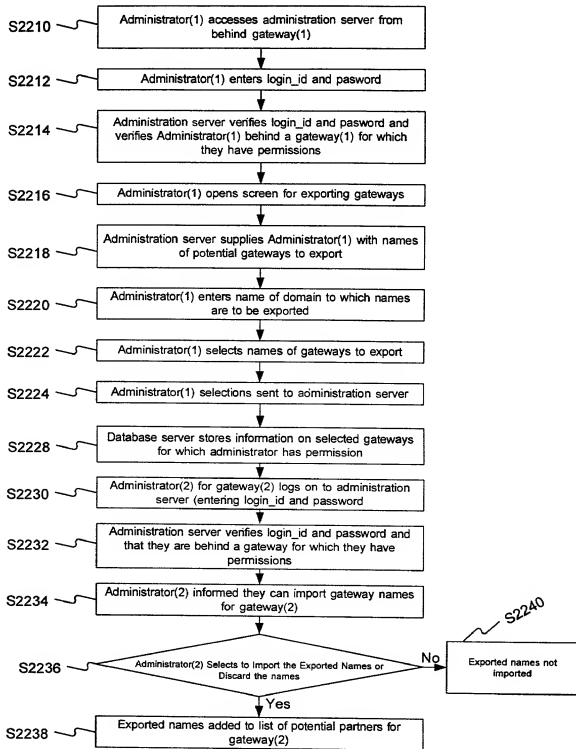


Fig. 22

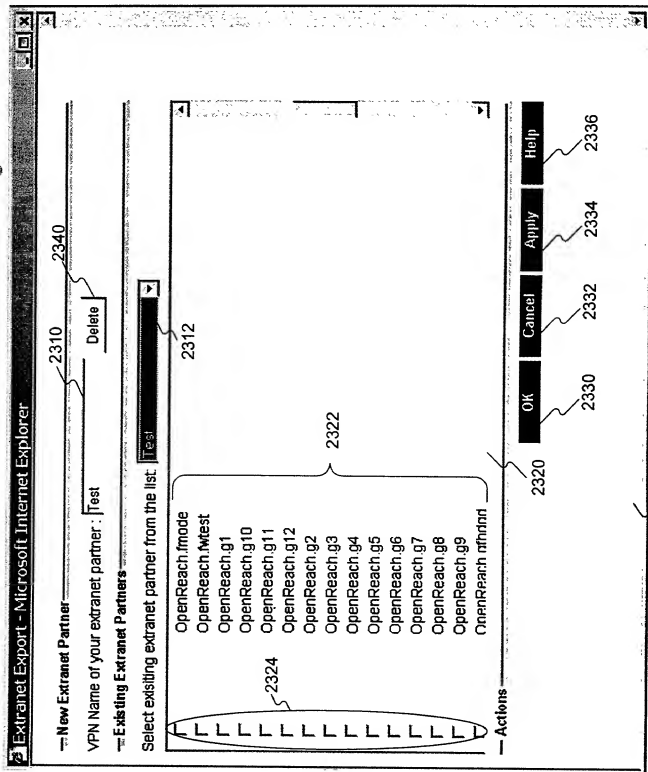


Fig. 23

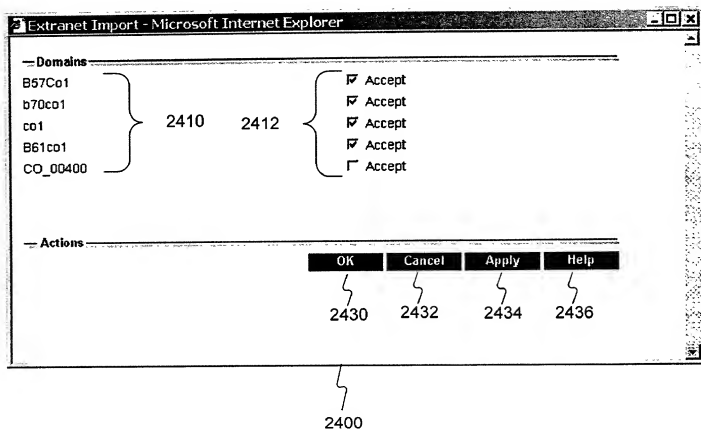


Fig. 24

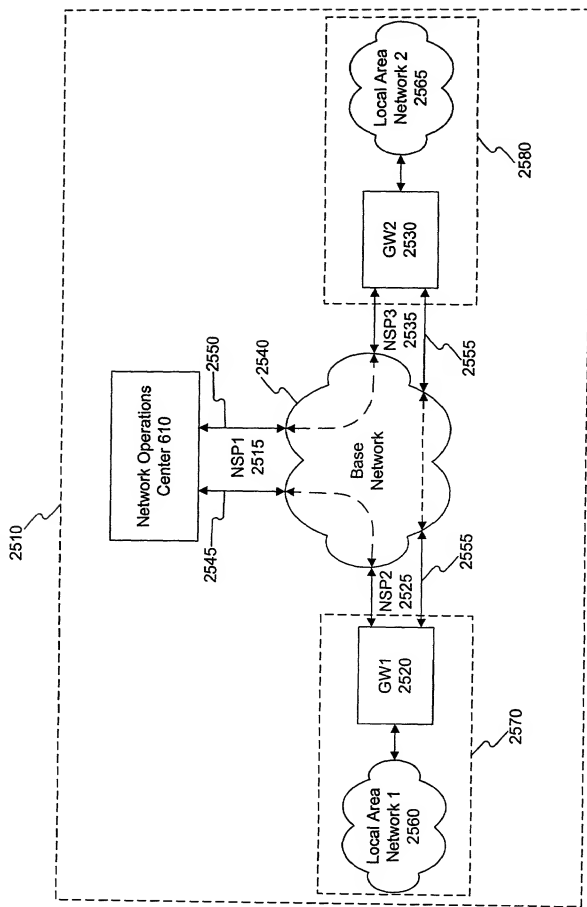


FIG. 25

File Edit View Go Favorites Bookmarks History Tools Window Help

Address: http://www.openreach.com/

Search Home Site Map Security Shop

OpenReach

Order TrueSpan™ Services

Activation Plan Selection Wizard Results
Below are the recommendations for your sites. Select the items you would like to order and click Continue

Recommendation for Home (Select one of the following recommendations)

Site	Activation Plan	Item	Price	Service charge
Home	Turnkey Activation with 500 Sites	Dell Optiplex PC	\$1299	<input type="radio"/> \$99/Mo <input type="radio"/> \$1090/Yr <input type="radio"/> \$1980/2Yr
		Service Charge		
Home	Turnkey Activation with 500 Sites	Rack Mounted PC	\$1499	<input type="radio"/> \$99/Mo <input type="radio"/> \$1090/Yr <input type="radio"/> \$1980/2Yr
		Service Charge		

Recommendation for Boston:

Site	Activation Plan	Item	Price	Service charge
Boston	Self Activation with 1 Mbps			<input type="radio"/> \$149/Mo <input type="radio"/> \$1640/Yr <input type="radio"/> \$2800/2Yr
		Service Charge		

2810

2805

2820

2840

2830

Enter Site Info

Select Activation Solution

Review And Place Your Order

Enter Credit Card Info

FIG. 28

2910

2905

2920

2930

2940

Home

Configuration for site:

Country:

Contact:

Phone #:

Email:

Activation Plan	Description	Price	Service Charge
<input checked="" type="radio"/> Turnkey Activation	Purchase a pre-configured computer/server to be used in the TrueSpace VPN Gateway. In addition, our network engineers will configure equipment and walk you through the installation.	\$1,299	\$99/Mo
<input type="radio"/> Remote Activation	Select a PC <input type="text" value="Dell Optiplex PC"/>	\$250	\$99/Mo
<input type="radio"/> Self Activation	Our network engineers will configure equipment and walk you through the installation. Complete the service installation yourself using the Openreach support system.	\$0	\$99/Mo
<input type="radio"/> VAR Support	Can either be provided by a certified VAR Partner provided by OpenReach or a VAR Partner of your choice.	Varies	\$99/Mo

Select a Pricing Plan:

Your Price depends on your bandwidth. Select your Internet Access type:

Total: Price \$1,299 Service Charge \$99/Mo

☐ Easy Site Info
☐ Select Activation Solution
☒ Review And Place Your Order
☐ Easy Credit Card Info

FIG. 29

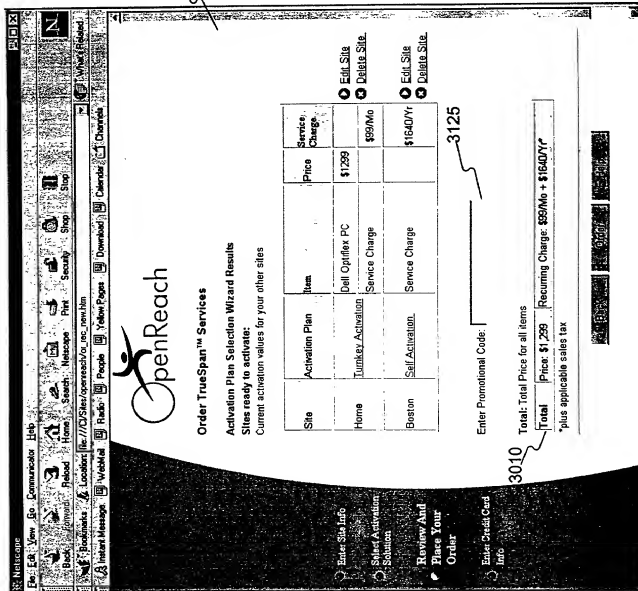


FIG. 30

General	Network	Firewall	VPN	ACL	Routes	DHCP
<div style="display: flex; justify-content: space-between;"> 3105 3101 </div>						
Identity and Location						
TrueSpan NYC						
Gateway Name* NYC						
Street Address* 10 Madison Avenue		City* New York				
State/Province* New York		Postal Code (if US) 10012				
Country* UNITED STATES						
TimeZone* (GMT-05:00) Eastern Time (US & Canada)						
Configuration						
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>3121 Peer Configuration</p> <p>Selected Configuration Inline</p> <p>3120 Billing Period Monthly</p> <p>3124</p> </div> <div style="width: 50%;"> <p>3122 Inline Configuration</p> <p>Speed up to 500 Kbps</p> <p>3123 Promotion Code </p> <p>3125</p> </div> </div>						
Maintenance						
Preferred gateway maintenance time:		Day* Sunday		Hour* 10:00AM		
3130		3131		3132		
3140		3133		3134		
Actions						
OK		Cancel		Apply		Help
3150		3160		3170		3180

FIG. 31

View/Modify Configuration for Gateway: Scallie

General **Network** Firewall VPN

Network Parameters for Peer Configuration

3205

3210 LAN Interface

3211 3212 3213

* IP Address * Network Mask * Default Gateway

3220 Proxy

Internet Access via Proxy Server 3221

3230 DNS

3231 3232

Primary DNS Secondary DNS

3240 OK 3250 Reset 3260 Cancel 3270 Help

3275

FIG. 32

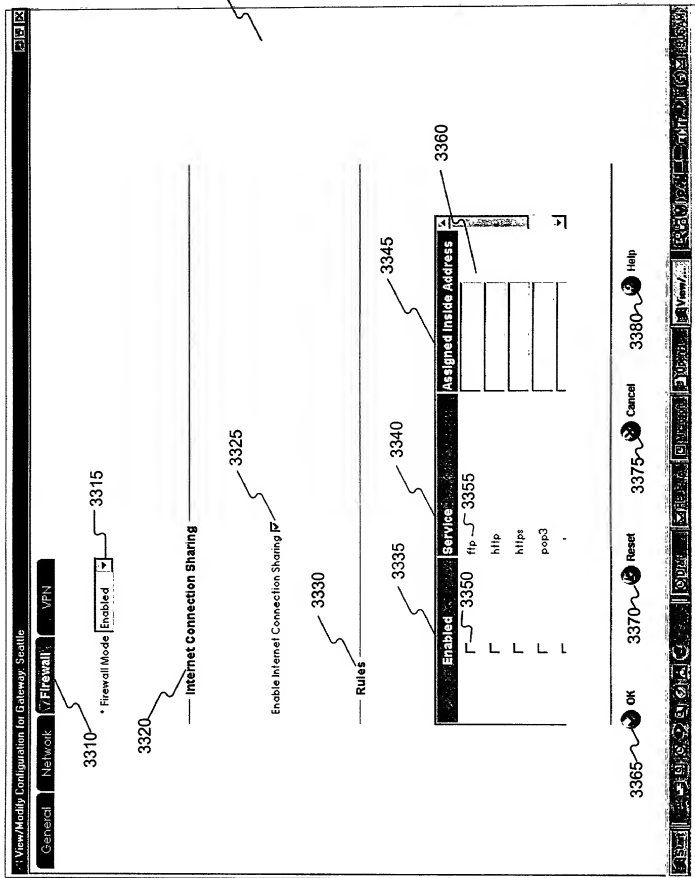


FIG. 33

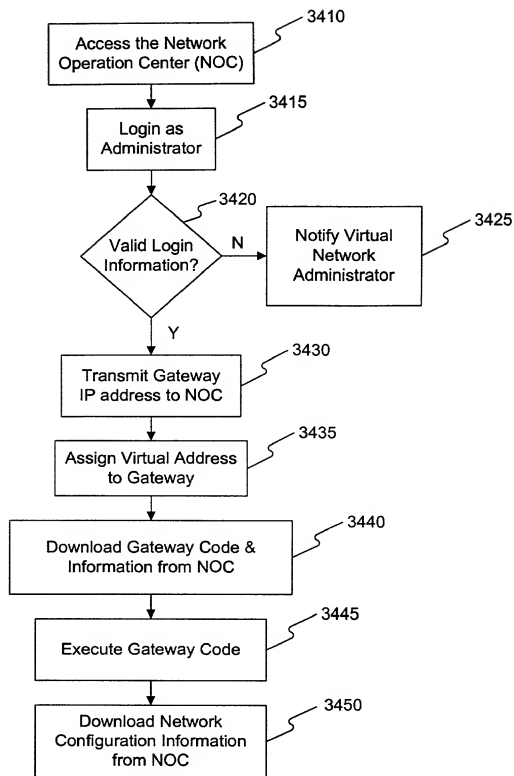


FIG. 34

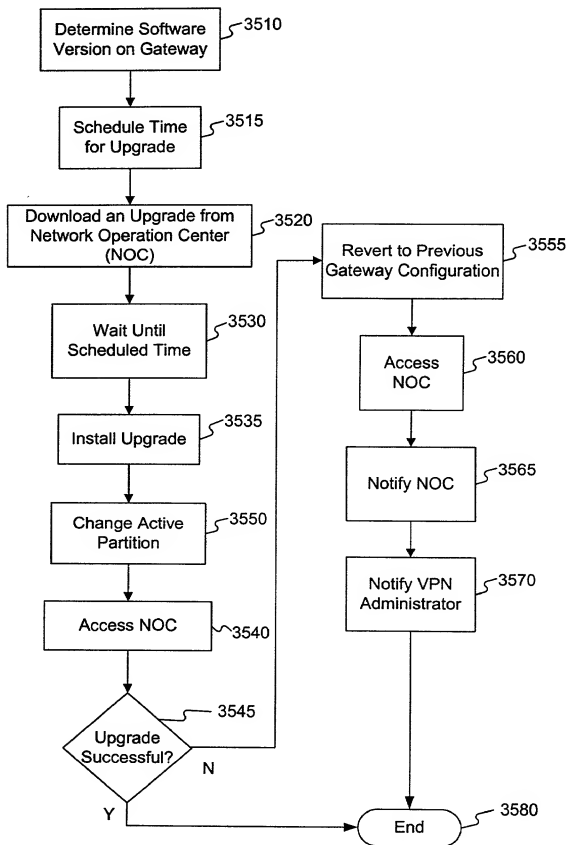


FIG. 35

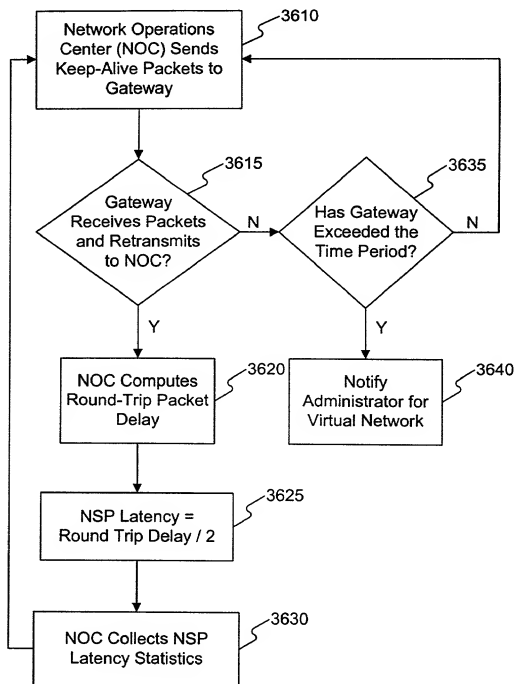


FIG. 36

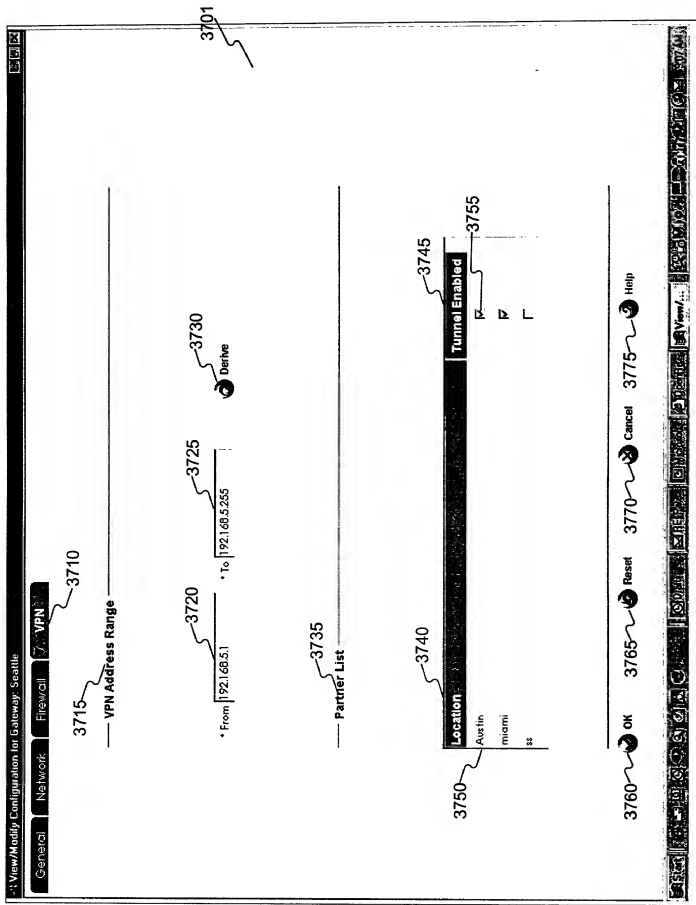


FIG. 37

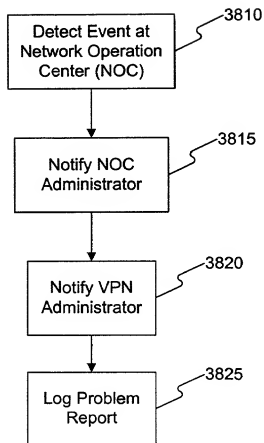


FIG. 38

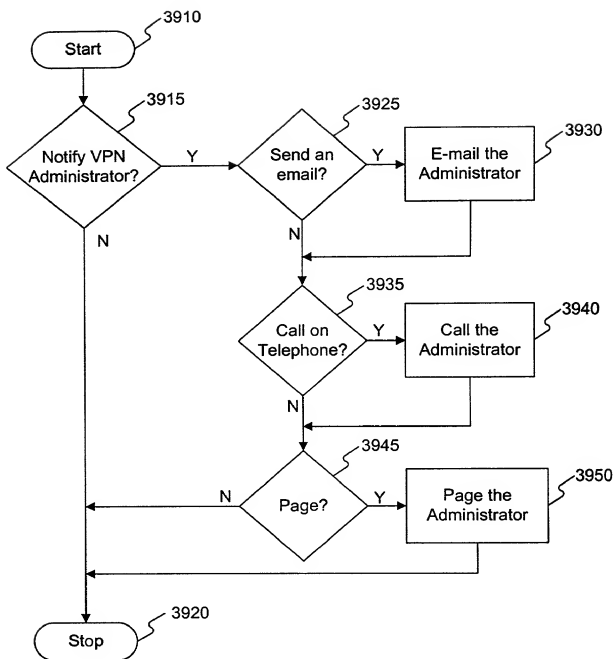


FIG. 39

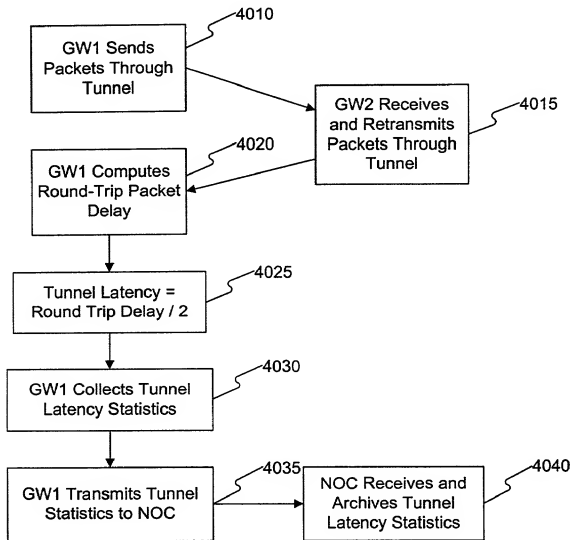


FIG. 40

```

4105 <monitoring_information>
4110   name="org-name"
4115   vip="virtual IP of org"
4120   ctime="system up time in seconds"
4125   <tunnel>
4130     vip="vip of buddy"
4135     age="age,uptime"
4135     <bandwidth>
4135       data="tod,interval,tx_bytes,tx_packets"
4135     </bandwidth>
4140     <latency>
4140       data="tod,interval,min,max,avg"
4140     </latency>
4140     ...
4145   </tunnel>
4145   <interface>
4145     name="eth0" | "tcpt0" | "ipsec0"
4150     <bandwidth>
4150       data="tod,interval,tx_bytes,tx_pkts,tx_errs,tx_dropped,
4150         rx_bytes,rx_pkts,rx_errs,rx_dropped"
4150     </bandwidth>
4150     ...

```

FIG. 41



OpenReach TrueSpan Gateway Availability Reports for testym1

4205

4235

4230

4225

4220

4215

4210

4205

Chart generated at Wed Feb 14 13:42:28 EST 2001. Period beginning Sunday 14 13:42:28 EST 2001

Gateway Name	Numbers of Disconnected	Total Times Disconnected	Max Times Disconnected	Average Times Disconnected	Percentage Disconnected
testym1_vpnlog10	91	1155	881	12	97.46
testym1_vpnlog4	17	1013	883	50	97.73
testym1_vpnlog5	48	889	881	21	97.79
testym1_vpnlog3	24	965	881	40	97.84
testym1_vpnlog2	19	944	881	50	97.86
testym1_vpnlog1	9	897	881	100	97.99
testym1_vpnlog11	2	33	27	17	99.93
testym1_bugtest1_org10	2	17	15	8	99.96

Gateway Name

testym1_vpnlog10
 testym1_vpnlog4
 testym1_vpnlog5
 testym1_vpnlog3
 testym1_vpnlog2
 testym1_vpnlog1
 testym1_vpnlog11
 testym1_bugtest1_org10

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 From: 690.753.0393
 02/14/2001

FIG. 42



4330 OpenReach TrueSpan Gateway Bandwidth Reports for testvpn1

4325

4310

4305

Name	Minimum Bandwidth	Maximum Bandwidth
testvpn1_andreas3dione	0	19
testvpn1_andreas3dione	0	78
testvpn1_andreas3dione	0	2341
testvpn1_andreas3dione	0	3684
testvpn1_andreas3dione	0	14302
testvpn1_andreas3dione	0	21557
testvpn1_andreas3dione	0	41546
testvpn1_andreas3dione	0	43065
testvpn1_andreas3dione	0	57814
testvpn1_andreas3dione	34	4154

Name: Name of the TrueSpan Gateway
Metric: Smallest amount of sampled traffic passed in 15 minute period over the last 30 days (in Mbps)
Maximum Bandwidth: Largest amount of sampled traffic passed in 15 minute period over the last 30 days (in Mbps)

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Phone 888.792.0263
Email 888.792.0263

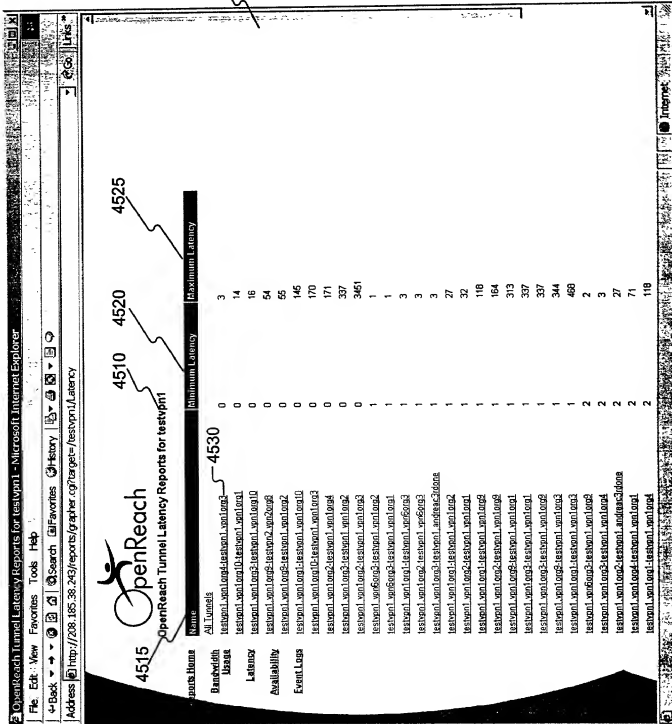


FIG. 45

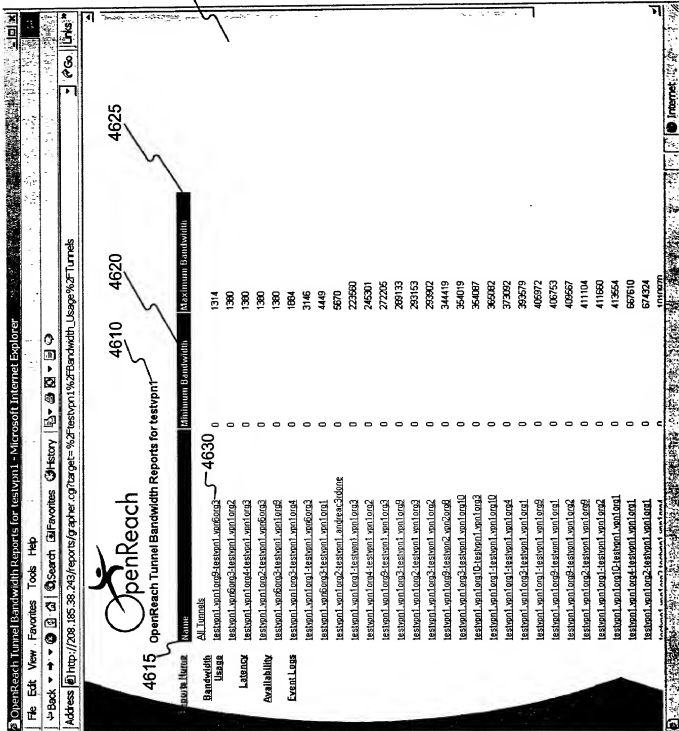
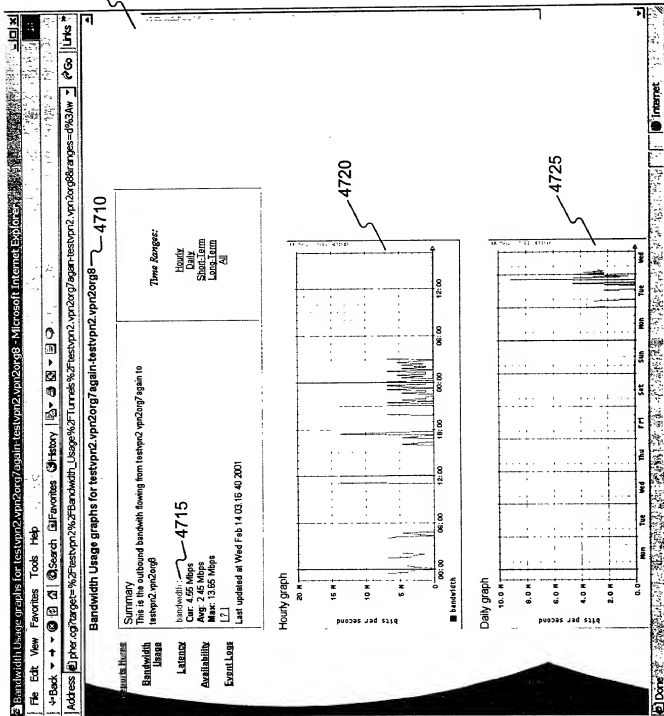


FIG. 46



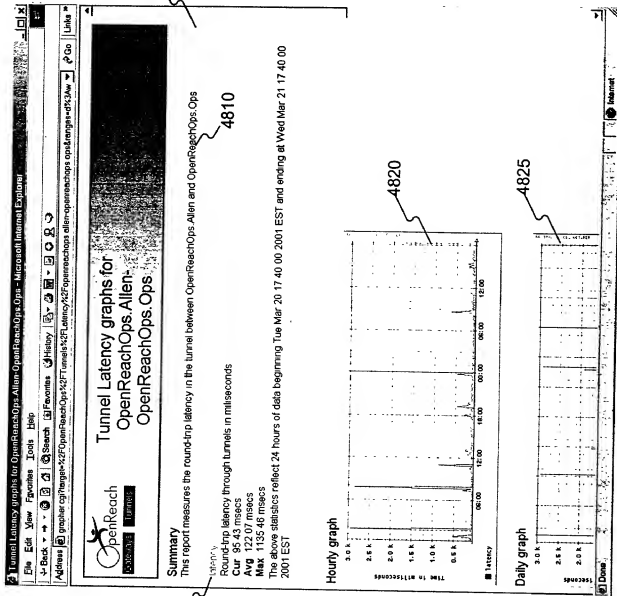


FIG. 48